

REQUIREMENTS

Semmelweis University, Faculty of General Medicine – single, long-cycle medical training programme

Name of the host institution (and any contributing institutions):

Department of Pulmonology

Name of the subject: Pulmonology 6-week advanced training

in English: Pulmonology 6-week advanced training

in German: Pulmonologie 6-wöchige Spezialisierung

Credit value: 6

Semester: 12

(as defined in the curriculum)

Total number of classes per week: 40	lectures:	practical lessons: 40	seminars:
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Type of subject: compulsory optional elective

(PLEASE UNDERLINE AS APPLICABLE)

Academic year: 2023/2024

Language of instruction, for optional or elective subjects: English

Course code: AOKADH661_SA

(In the case of a new subject, this cell is filled in by the Dean's Office, following approval)

Course coordinator: Prof. Dr. Veronika Müller

Place of work, phone number: Semmelweis University, Department. of Pulmonology, Tömő str. 25-29, Budapest 1083, +36 1 355-9733

Position: professor of medicine, head of department

Date and number of habilitation: 2010.06.07. 307/2010

Objectives of the course and its place in the medical curriculum:

To acquire a deeper level of general medical competence in the investigation and management of pulmonary diseases. The aim is to achieve a high level of mastery of at least 2 elements of diagnostic and/or therapeutic care in pulmonary medicine during the 6-week clinical training. Elements may be chosen where the acquisition of these skills will help the student to work independently as a doctor in the future. The skills will be assessed jointly by the student and the teacher at the end of the training program.

Place of instruction (address of lecture hall or seminar room etc.):

Semmelweis University, Department. of Pulmonology

Tömő str. 25-29, Budapest 1083

Competencies acquired through the completion of the course:

More detailed knowledge on the diagnostic and/or therapeutic elements used in clinical practice than

in 4th year. The aim is to acquire at least 2 diagnostic and/or therapeutic elements that are used with a high level of knowledge in general medical practice.

Prerequisites for course registration and completion:

Pulmonology, oncology, internal medicine

Conditions for concurrent course registration and permission thereof in the case of a multi-semester subject: -

Student headcount conditions for starting the course (minimum, maximum) and method of student selection:

Minimum 1 student, maximum 15 students

Detailed course description:

(Theoretical and practical instruction must be broken down into lessons (weeks), numbered separately. Please provide the names of lecturers in both types of lessons, indicating guest lecturers. This information is not to be attached separately. CVs of guest lecturers, however, must be attached.)

Subject summary

From the 2nd semester 2019/2020 - in accordance with the central guidelines of the SE ÁOK - the subject Pulmonology is an optional 6-week block of the 6th year at the Pulmonology Clinic (1083 Budapest VIII. district, Tömő u. 25-29.). During the 6-week programs, students receive continuous practical training (6 credits) to deepen their theoretical knowledge of the subject and to acquire practical skills in the most important pulmonary diagnostic and therapeutic procedures.

The training program will take place with the supervision of an individually assigned mentor of the clinic. It is recommended that the student should acquired at least 2 diagnostic and/or therapeutic elements applied in general medical practice with a high level of knowledge.

Suggested diagnostic/therapeutic elements to be mastered according to the special pulmonary area represented by the designated mentor.

Pulmonological diagnostic elements

- Performing a blood gas test and evaluating the findings
- Evaluation of respiratory function findings: differentiation of ventilation disorders, differential diagnosis
- Evaluation of ECG in pulmonology patients for pulmonology practice
- Evaluation of ergospirometry
- Patient preparation for bronchoscopy
- Patient preparation for invasive thoracic surgery
- Evaluation of ECHO findings
- Practice of sleep diagnostic screening (polygraphy), evaluation of findings
- 6MWT
- Allergological examination and evaluation of findings

Pulmonological therapeutic elements

- NIV tools
- Oxygen therapy methods
- Inhalation device practice
- Basic elements of respiratory rehabilitation
- Preparation of patient documentation and presentation in the oncology team
- Preparation and presentation of patient documentation in the ILD team

Related subjects due to interdisciplinary fields (both compulsory and elective) and potential overlaps between subjects:

Internal medicine, cardiology, pharmacology
Attendance requirements; conditions under which students can make up for absences and the method of absence justification: Training elements will be held according to the at pre-announced timetable. Absence up to 25% of the classes is allowed. Absence over 25% must be made up based on the consultation with the tutor or his/her deputy.
Form of assessment in the study period: (including the number, topics and scheduling of oral and written tests, their share in the overall evaluation, make-up tests and improvement tests)
Number and type of assignments for individual work and the deadline for submission: Practical demonstration of 2 exercises
Requirements to obtain the teacher's signature: Attendance at least 75% of the classes.
Type of assessment (<i>comprehensive examination, end-term examination, term-grade, term-grade on a three-grade rating scale, no examination</i>): Practical grade
Examination requirements: <i>(list of examination topics, subject areas of tests / examinations, lists of mandatory parameters, figures, concepts and calculations, practical skills)</i> Attendance at least 75% of the classes.
Method and type of grading: <i>(Share of theoretical and practical examinations in the overall evaluation. Inclusion of the results of the end-of-term assessment. Possibilities of and conditions for offered grades.)</i> Practical grade (1-5)
List of course books, textbooks, study aids and literature facilitating the acquisition of knowledge to complete the course and included in the assessment, precisely indicating which requirement each item is related to (e.g., topic by topic) as well as a list of important technical and other applicable study aids: <ul style="list-style-type: none"> • Palange P, Rohde G: ERS Handbook of Respiratory Medicine 3rd Edition. 2019. ISBN: 978-1-84984-079-8 • Bourke SJ, Burns GP: Lecture Note: Respiratory Medicine. 9th ed. 2015. ISBN 978-1-118-65232-9 • + UpToDate
Signature of habilitated instructor (course coordinator) announcing the course:
Signature of the director of the host institution:
Date of submission: 04.05.2023.



